

The following deployment parameters are of this type:

- * environment entries,
- * context parameters,
- * resource references.

5 2nd type:

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There are deployment parameters that cannot be assigned a pre-defined value at all within the J2EE deployment descriptors, since their values are completely determined by the operational environment the application is to be deployed to.

This type mainly consists of security roles.

3rd type:

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There are deployment parameters that are not covered by the J2EE deployment descriptors at all, possibly because they are vendor specific or result from assumptions on the application that are not made within the J2EE specification. Nevertheless, this kind of parameter should be pre-defined for an easy deployment procedure, if possible.

5 The following deployment parameters are of this type:

- * database pools for EJB (Enterprise JavaBeans) entity beans,
- * storage properties of container-managed entity EJBs (According to the J2EE specification, it is part of the deployer's role to map the fields of a container-managed persistence (CMP) entity bean to the persistency layer of the operational environment. There is no need for the developer to decide whether the persistency layer consists of a relational database, of an object-relation database or even of files in the file system. This strategy somehow contradicts the aim of an easy and automated deployment process, which is why the SDA deployment descriptor refers this task from the deployer to the developer.)

The syntax of the first and second types of deployment parameters has been derived largely from the DTDs of the J2EE deployment descriptors